



	1 60
Human	MATAGGGSGADPGSRGLLRLLSFCVLLAGLCRGNSVERKIYIPLNKTAPCVRLLNATHQI
Mouse	MATTRGGSGPDPGSRGLL-LLSFSVVLAGLCGGNSVERKIYIPLNKTAPCVRLLNATHQI
Drosophila	MEMRLNAASIWLL-ILSYGATIAQGERTRDKMYEPIGG-ASCFRRLNGTHQT
C.elegans	MKKWLVIVLIIAGIRCDGFSDQVFRTLFIGEGNACYRTFNKTHEF
C.eregans	61
Human	GCQSSISGDTGVIHVVEKEEDLQWVLTDGPNPPYMVLLESKHFTRDLMEKLKGR
Mouse	GCQSSISGDTGVIHVVEKEEDLKWVLTDGPNPPYMVLLEGKLFTRDVMEKLKGT
Drosophila	GCSSTYSGSVGVLHLINVEADLEFLLSSPPSPPYAPMIPPHLFTRNNLMRLKEA
C.elegans	GCQANRENGLIVRIDKQEDFKNLDSCWNSFYPKYSGKYWALLPVNLIRRDTISQLKSS
C.elegans	117 168
Human	TSRIAGLAVSLTKP-SPASGFSPSVQCPNDGFGVYSNSYGPEFAHCREIQWNSLG-
Mouse	TSRIAGLAVTLAKP-NSTSSFSPSVQCPNDGFGIYSNSYGPEFAHCKKTLWNELG-
Drosophila	GPKNISVVLLINRT-NQMKQFSHELNCPNQYSGLNSTS-ETCDASNPAKNWNPWG-
C.elegans	-KCLSGIVLYNSGESIHPGDESTAASHDAECPNAASDYYLQDKNEEYCERKINSRGAITR
C.eregans	171 228
Human	NGLAYEDFSFPIFLLEDENETKVIKQCYQDHNLSQNGSAPTFPLCAMQLFSHMHAVISTA
Mouse	NGLAYEDFSFPIFLLEDENETKVIKQCYQDHNLGQNGSAPSFPLCAMQLFSHMHAVISTA
Drosophila	TGLLHEDFPFFIYYIADLDQVTKLEKCFQDFNNHNYETHALRSLCAVEVKSFMSAAVNTE
C.elegans	DGLMKIDWRIQMVFIDNSTDLEIIEKCYSMFNKPKEDGSSGYPYCGMSFRLANMAAGNSE
o.cregano	232
Human	TCMRR-SSIQSTFSIN-PEIVCDPLSDYNVWSMLKPINTTGTLKPDDRV
Mouse	TCMRR-SFIQSTFSIN-PEIVCDPLSDYNVWSMLKPINTSVGLEPDVRV
Drosophila	VCMRR-TNFINNLGGSKYCDPLEGRNVSPPCTPESQQSETTLETVHTNEKF
C.elegans	ICYRRGKNDAKLFQMNIDSGDAPQLCGAMHSDNIFAFPTPIPTSPTNETIITSKY
	278
Human	VVAATRLDSRSFFWNVAPGAESAVASFVTQLAAAEALQKAPDVTTL-PRNVMFVFF
Mouse	VVAATRLDSRSFFWNVAPGAESAVASFVTQLAAAEALHKAPDVTTL-SRNVMFVFF
Drosophila	ILVTCRLDTTTMFDGVGLGAMDSLMGFAVFTHVAYLLKQLLPPQSKD-LHNVLFVTF
C.elegans	MMVTARMDSFGMIPEISVGEVSVLTSIISVLAAARSMGTQIEKWQKASNTSNRNVFFAFF
	331 384
Human	QGETF DYIGS SRMVYDMEKGKFPVQLENVDSFVELGQVALRTSLELWMHTDPVS
Mouse	QGETF DYIGS SRMVYDMENGKFPVRLENIDSFVELGQVALRTSLDLWMHTDPMS
Drosophila	NGESY DYIGS QRFVYDMEKLQFPTESTGTPPIAFDNIDFMLDIGTLDDISNIKLHA
C.elegans	NGESL DYIGS GAAAYQMENGKFPQMIRSDRTHIHPIRPNELDYILEVQQIGVAKGRKYYV

FIGURE 1A



FIGURE 1B